



VIS-P8DRIR28NH-LC

8 Megapixel IP Plug & Play, Outdoor Dome, Fixed Lens, up to 98' IR Range, True WDR, Built-in Mic, SD Card Slot, 12VDC/PoE

Features

- Smart Analytics-AI Human Body Detection
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98'
- Starlight Illumination
- Smart IRs
- Ultra 265,H.265,H.264, MJPEG
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Cloud Upgradable
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free MAC Client
- NDAA Compliant

Camera																
Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS															
Minimum Illumination	Support EasyStar: Colour: 0.005Lux (F1.6, AGC ON) 0Lux with IR on															
Day/Night	IR-cut filter with auto switch (ICR)															
Shutter	Auto/Manual, 1 ~ 1/1000000s															
Adjustment angle	Pan: 8° ~ 360° Tilt: 0° ~ 68° Rotate: 10° ~ 360°															
WDR	120dB															
S/N	>56dB															
Lens																
Lens	2.8mm@F1.6 4.0mm@F1.6															
Lens Mount	M12															
Angle of View (H)	112.9° 91.2°															
Angle of View (V)	59.1° 47.9°															
Angle of View (O)	121.2° 95.9°															
DORI																
DORI Distance	<table border="1"> <thead> <tr> <th>Lens (mm)</th> <th>Detect (ft)</th> <th>Observe (ft)</th> <th>Recognize (ft)</th> <th>Identify (ft)</th> </tr> </thead> <tbody> <tr> <td>2.8</td> <td>275.6 (84m)</td> <td>108.3 (33m)</td> <td>55.1 (16.8m)</td> <td>27.6 (8.4m)</td> </tr> <tr> <td>4.0</td> <td>393.7 (120m)</td> <td>157.5 (48m)</td> <td>78.7 (24m)</td> <td>39.4 (12m)</td> </tr> </tbody> </table>	Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)	2.8	275.6 (84m)	108.3 (33m)	55.1 (16.8m)	27.6 (8.4m)	4.0	393.7 (120m)	157.5 (48m)	78.7 (24m)	39.4 (12m)
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Illuminator																
IR Range	Up to 98 ft (30m) IR range															
Wavelength	850nm															
IR On/Off Control	Auto/Manual															
Video																
Video Compression	Ultra 265, H.265, H.264, MJPEG															
H.264 code profile	Baseline profile, Main profile, High profile															
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;															
Video Bit Rate	128 Kbps~16 Mbps															
U-code	Supported															
9:16 Corridor Mode	Supported															
ROI	Up to 8 areas															
Motion Detection	Up to 4 areas															
OSD	Up to 4 OSDs															
Privacy Mask	Up to 4 areas															
Image																
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2															
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser															
Digital Noise Reduction	2D/3D DNR															
Smart IR	Support															
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise															
HLC	Supported															
BLC	Supported															
Defog	Digital Defog															

Events	
Basic Detection	Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, access policy, ARP protection, RTSP authentication, user authentication
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	InVid Vision (Mobile App) Vision Tools (IP Utility) InVid CMS
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
Interface	
Built-in Mic	Support
Audio Sensitivity	-32±3dB
Network	1 RJ45 10M/100M Base-TX Ethernet
Certifications	
EMC	FCC: FCC Part 15
Safety	CE: EN 60950-1 UL: UL60950-1 IEC 60950-1
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 4.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L x W x H)	Ø4.3" x 3.3" (Φ109 x 83mm)
Weight	0.82lb (0.37kg)
Material	Metal + Plastic
Working Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Storage Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Supported
Protection	Ingression protection: IP67 Vandal resistant: IK10

Ordering Information

VIS-P8DRIR28NH-LC: 8 Megapixel Dome, 2.8mm

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